

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A piezoelectric porcelain composition ~~containing, comprising:~~
a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti; and
~~at least one of the following component components (a) and/or (b); and (b),~~
wherein
(a) is at least one of Ag and/or and an Ag compound, and at least one of Mo and/or and an Mo compound; and wherein
(b) is silver molybdate [Ag₂MoO₄].
2. (Currently Amended) A piezoelectric porcelain ~~composition, composition:~~
wherein the composition is made by adding at least one of Ag and/or and an Ag compound, and at least one of Mo and/or and an Mo compound to a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti, and
wherein the composition ~~contains~~comprises a silver molybdate [Ag₂MoO₄].
3. (Currently Amended) A piezoelectric porcelain composition ~~comprising, comprising:~~
a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti; and
0.12 mol% to 0.36 mol% of silver molybdate [Ag₂MoO₄].
4. (Currently Amended) A piezoelectric porcelain composition,

wherein the composition is made by adding at least one of Ag and/or and an Ag compound, and at least one of Mo and/or and an Mo compound to a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti, and

wherein respective amount of Ag and Mo calculated as Ag_2O and MoO_3 satisfy all of the following expressions (i) to (iii):

$$\text{Ag}_2\text{O amount} - \text{MoO}_3 \text{ amount} \leq 0.12 \text{ mol\%} \quad (\text{i})$$

$$0.24 \text{ mol\%} \leq \text{Ag}_2\text{O amount} \leq 0.48 \text{ mol\%} \quad (\text{ii})$$

$$0.12 \text{ mol\%} \leq \text{Mo}_3\text{O amount} \leq 0.36 \text{ mol\%mol\%}. \quad (\text{iii})$$

5. (Currently Amended) A piezoelectric porcelain composition according to claim 1,

wherein the composition further ~~contains~~comprises lead molybdate $[\text{Pb}_2\text{MoO}_5]$.

6. (Currently Amended) A piezoelectric porcelain composition ~~containing~~comprising a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti; and at least one of the following component-components (A) and/or (B):and (B). wherein

(A) is at least one of Ag and/or and an Ag compound, at least one of Mo and/or and an Mo compound, and at least one of W and/or and a W compoundcompound, and wherein

(B) is silver silver-molybdate-tungstate $[\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7)0.7).

7. (Currently Amended) A piezoelectric porcelain composition, wherein the composition is made by adding at least one of Ag and/or and an Ag compound, at least one of Mo and/or and an Mo compound, and at least one of W and/or and

a W compound to a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti, and

wherein the composition ~~contains~~comprises silver molybdate-tungstate

$[\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7).

8. (Currently Amended) A piezoelectric porcelain composition

~~comprising,~~comprising:

a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti; and

0.12 mol% to 0.36 mol% of silver molybdate-tungstate $[\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7).

9. (Currently Amended) A piezoelectric porcelain composition,

wherein the composition is made by adding at least one of Ag and/or an Ag compound, at least one of Mo and/or an Mo compound, and at least one of W and/or a W compound to a complex oxide having a perovskite structure mainly composed of Pb, Zr and Ti, and

wherein respective amount of Ag, Mo and W calculated as Ag_2O , MoO_3 and WO_3 satisfy all of the following expressions (1) to (3):

$$\text{Ag}_2\text{O amount} - ((1-X) \cdot \text{MoO}_3 + X \cdot \text{WO}_3) \text{ amount} \leq 0.12 \text{ mol\%} \quad (1)$$

$$0.24 \text{ mol\%} \leq \text{Ag}_2\text{O amount} \leq 0.48 \text{ mol\%} \quad (2)$$

$$0.12 \text{ mol\%} \leq (\text{Mo}_3\text{O} + \text{WO}_3) \text{ amount} \leq 0.36 \text{ mol\%} \quad (3)$$

where X is a number from 0.3 to 0.7.

10. (Currently Amended) A piezoelectric porcelain composition according to claim 6,

wherein the composition further ~~contains~~comprises lead molybdate-tungstate

$[\text{Pb}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7).

11. (Currently Amended) A piezoelectric porcelain composition according to claim 1,

wherein the complex oxide further ~~contains~~comprises Zn, Mg and Nb.

12. (Previously Presented) A piezoelectric porcelain composition according to claim 1,

wherein the complex oxide is $a\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $b\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $c\text{PbTiO}_3$ - $d\text{PbZrO}_3$ (where $a+b+c+d=1$).

13. (Currently Amended) A piezoelectric body formed by firing the piezoelectric porcelain composition according to claim 1,

wherein the piezoelectric body ~~contains~~comprises silver molybdate $[\text{Ag}_2\text{MoO}_4]$.

14. (Currently Amended) A piezoelectric body formed by firing the piezoelectric porcelain composition according to claim 1,

wherein the piezoelectric body ~~contains~~comprises silver molybdate $[\text{Ag}_2\text{MoO}_4]$ and lead molybdate $[\text{Pb}_2\text{MoO}_5]$.

15. (Currently Amended) A piezoelectric body formed by firing the piezoelectric porcelain composition according to claim 6,

wherein the piezoelectric body ~~contains~~comprises silver molybdate-tungstate $[\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7).

16. (Currently Amended) A piezoelectric body formed by firing the piezoelectric porcelain composition according to claim 6,

wherein the piezoelectric body ~~contains~~comprises silver molybdate-tungstate $[\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7) and lead molybdate-tungstate $[\text{Pb}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4]$ (where X is a number from 0.3 to 0.7).

17. (Previously Presented) A single-plate piezoelectric device comprising, two electrodes opposing each other, and a piezoelectric layer disposed between the electrodes, wherein the piezoelectric layer comprises the piezoelectric porcelain composition according to claim 1.

18. (Previously Presented) A single-plate piezoelectric device comprising, two electrodes opposing each other, and a piezoelectric layer disposed between the electrodes, wherein the piezoelectric layer comprises the piezoelectric body according to claim 13.

19. (Previously Presented) A laminated piezoelectric device comprising, an inner electrode, a piezoelectric layer, and an outer electrode, wherein the inner electrode and the piezoelectric layer are laminated alternately, and the inner electrode is connected to the outer electrode, and wherein the piezoelectric layer comprises the piezoelectric porcelain composition according to claim 1.

20. (Currently Amended) A laminated piezoelectric device comprising, an inner electrode, a piezoelectric layer, and an outer electrode, wherein the inner electrode and the piezoelectric layer are laminated alternately, and the inner electrode is connected to the outer electrode, and wherein the piezoelectric layer comprises the piezoelectric body according to ~~claim 13~~claim 13.

21. (Previously Presented) A laminated piezoelectric device comprising, an inner electrode, a piezoelectric layer, and an outer electrode, wherein the inner electrode and the piezoelectric layer are laminated alternately, and the inner and outer electrodes are connected to each other via a conductor within a through hole formed in the laminating direction, and

wherein the piezoelectric layer comprises the piezoelectric porcelain composition according to claim 1.

22. (Previously Presented) A laminated piezoelectric device comprising, an inner electrode, a piezoelectric layer, and an outer electrode,

wherein the inner electrode and the piezoelectric layer are laminated alternately, and the inner and outer electrodes are connected to each other via a conductor within a through hole formed in the laminating direction, and

wherein the piezoelectric layer comprises the piezoelectric body according to claim 13.

23. (Previously Presented) A laminated piezoelectric device according to claim 19,

wherein the inner electrode comprises Ag.

24. (Currently Amended) A method of making a piezoelectric porcelain composition which comprises:

a step of forming a complex oxide having a perovskite structure by temporarily firing a material ~~containing~~comprising Pb, Zr, and Ti; and

a step of adding at least one of Ag ~~and/or~~and an Ag compound, and at least one of Mo ~~and/or~~and an Mo compound to the complex oxide.

25. (Currently Amended) A method of making a piezoelectric porcelain composition which comprises:

a step of forming a complex oxide having a perovskite structure by temporarily firing a material ~~containing~~comprising Pb, Zr, and Ti; and

a step of adding silver molybdate [Ag₂MoO₄] to the complex oxide.

26. (Currently Amended) A method of making a piezoelectric porcelain composition which comprises:

a step of forming a complex oxide having a perovskite structure by temporarily firing a material ~~containing~~comprising Pb, Zr, and Ti; and

a step of adding at least one of Ag and/or an Ag compound, at least one of Mo and/or an Mo compound, and at least one of W and/or a W compound to the complex oxide.

27. (Currently Amended) A method of making a piezoelectric porcelain composition which comprises:

a step of forming a complex oxide having a perovskite structure by temporarily firing a material ~~containing~~comprising Pb, Zr, and Ti; and

a step of adding silver molybdate-tungstate [$\text{Ag}_2\text{Mo}_{(1-X)}\text{W}_X\text{O}_4$] (where X is a number from 0.3 to 0.7) to the complex oxide.

28. (Previously Presented) A method of making a piezoelectric device which comprises:

a step of firing the piezoelectric device precursor before final firing comprising the piezoelectric porcelain composition according to claim 1 at a firing temperature of 850°C to 950°C.